

Listing of Claims:

1. - 19. (cancelled)

20. (previously presented) A stent comprising at least one strut, the at least one strut has a transverse cross section, the transverse cross section having a top circumferential side, a bottom circumferential side, a right side and a left side, wherein the top and bottom circumferential sides are substantially flat, and the left and right sides are substantially curved.

21. (previously presented) The stent of claim 20 wherein the strut has a plurality of straight sections joined by a plurality of crown sections.

22. (previously presented) The stent of claim 20 wherein the strut is made of metal.

23. (previously presented) The stent of claim 22 wherein the strut is electro-polished.

24. (previously presented) The stent of claim 20 wherein the stent is fused to a second stent.

25. (previously presented) The stent of claim 20 wherein the second stent further comprises at least one second stent strut, the at least one second stent strut has a second stent transverse cross section, the second stent transverse cross section having a second stent top circumferential side, a second stent bottom circumferential side, a second stent right side and a second stent left side, wherein the second stent top and second stent bottom circumferential sides are substantially flat, and the second stent left and second stent right sides are substantially curved.

26. - 27. (cancelled)

28. (previously presented) The stent of claim 20 wherein the stent is self expanding.

29. - 30. (cancelled)

31. (previously presented) A system for treating a vessel lumen comprising:
a stent having a lumen there through;
a catheter at least partially extending through the lumen; wherein
the stent is fashioned from at least one strut, the at least one strut having a transverse cross
section, the transverse cross section having a top circumferential side, a bottom circumferential
side, a right side and a left side, wherein the top and bottom circumferential sides are
substantially flat, and the left and rights sides are substantially curved.

32. (previously presented) The stent of claim 31 wherein the catheter is a balloon catheter.

Claims 33-35 (cancelled)

36. (previously presented) The stent of claim 31 wherein further comprising a second stent
section, the second section coupled to the first section.

37. (currently amended) A stent comprising
at least one strut, the at least one strut has a transverse cross section, the transverse cross
section having a top side, a bottom side, a right side and a left side, wherein the top side joins the
left and right sides ~~through a smooth rounded edge~~, and wherein the top side is substantially flat.

38. (previously presented) The stent of claim 37 wherein the bottom side is substantially flat.

39. (previously presented) The stent of claim 37 wherein the left and rights sides are
substantially curved.

40. (previously presented) The stent of claim 37 wherein the left and rights sides are
substantially flat.

41. (currently amended) The stent of claim 37 wherein at least one of said top and the bottom
sides side joins at least one of said the left and right sides side through a smooth rounded edge.

**This Page is Inserted by IFW Indexing and Scanning
Operations and is not part of the Official Record**

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked:

- BLACK BORDERS**
- IMAGE CUT OFF AT TOP, BOTTOM OR SIDES**
- FADED TEXT OR DRAWING**
- BLURRED OR ILLEGIBLE TEXT OR DRAWING**
- SKEWED/SLANTED IMAGES**
- COLOR OR BLACK AND WHITE PHOTOGRAPHS**
- GRAY SCALE DOCUMENTS**
- LINES OR MARKS ON ORIGINAL DOCUMENT**
- REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY**
- OTHER: _____**

IMAGES ARE BEST AVAILABLE COPY.

As rescanning these documents will not correct the image problems checked, please do not report these problems to the IFW Image Problem Mailbox.